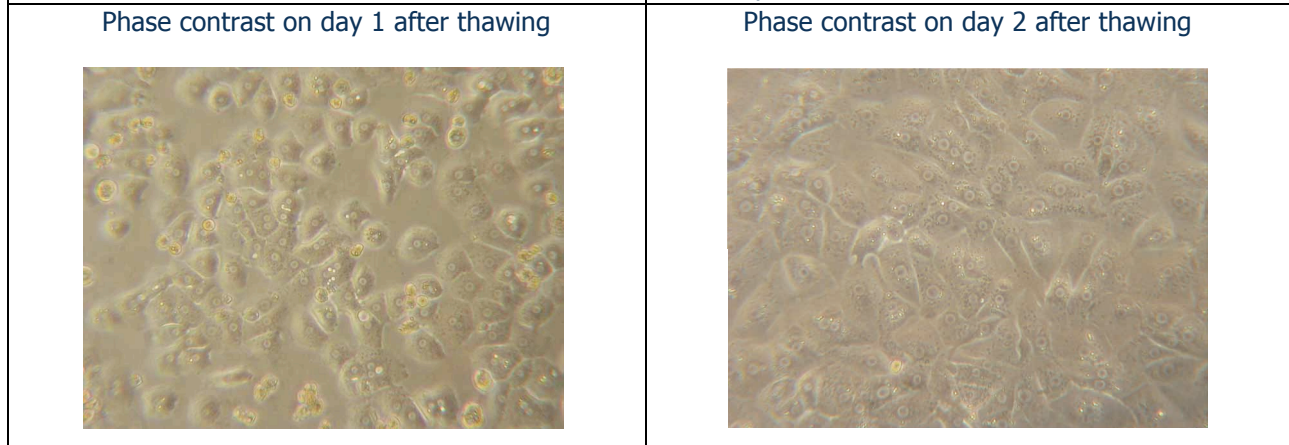


CHCP-I-T Cryopreserved Plateable Cynomolgus Hepatocytes for Induction and Transporter assays
Cell Specification

Lot CH110922	Batch Release: November 13, 2012
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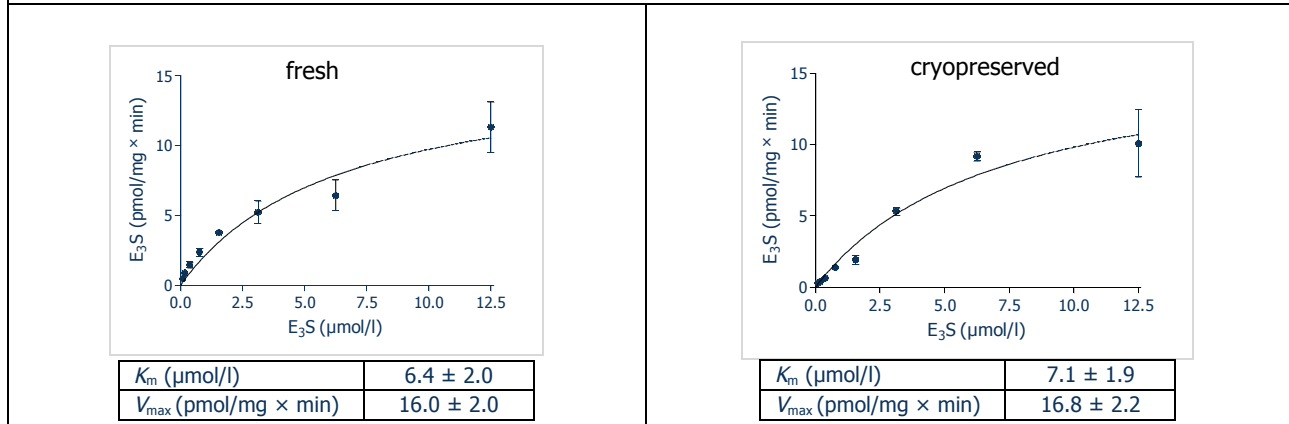
Species: <i>Macaca fascicularis</i> Gender: female Age: 4 years 9 months	Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV-1
Cryopreservation: Date: September 22, 2011 Amount per vial: 10 x 10 ⁶ cells	Thawing: Post-thaw viability: 94 % Post-thaw yield per vial: 9.7 x 10 ⁶ cells Recovery: 97 %



Recommended seeding density on collagen-coated plates: 290,000 cells per cm²
Culture in Human Hepatocyte Maintenance Medium (HHMM).

CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 10 µM beta-naphthoflavone Induction with 25 µM beta-naphthoflavone	pmol/(mg × min)	x-fold induction
	7.0 ± 0.9 5.3 ± 1.6	35.8 20.6

Uptake transporters: uptake of Estrone 3-sulfate (E₃S) in cryopreserved hepatocytes after 2 min incubation.



Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.